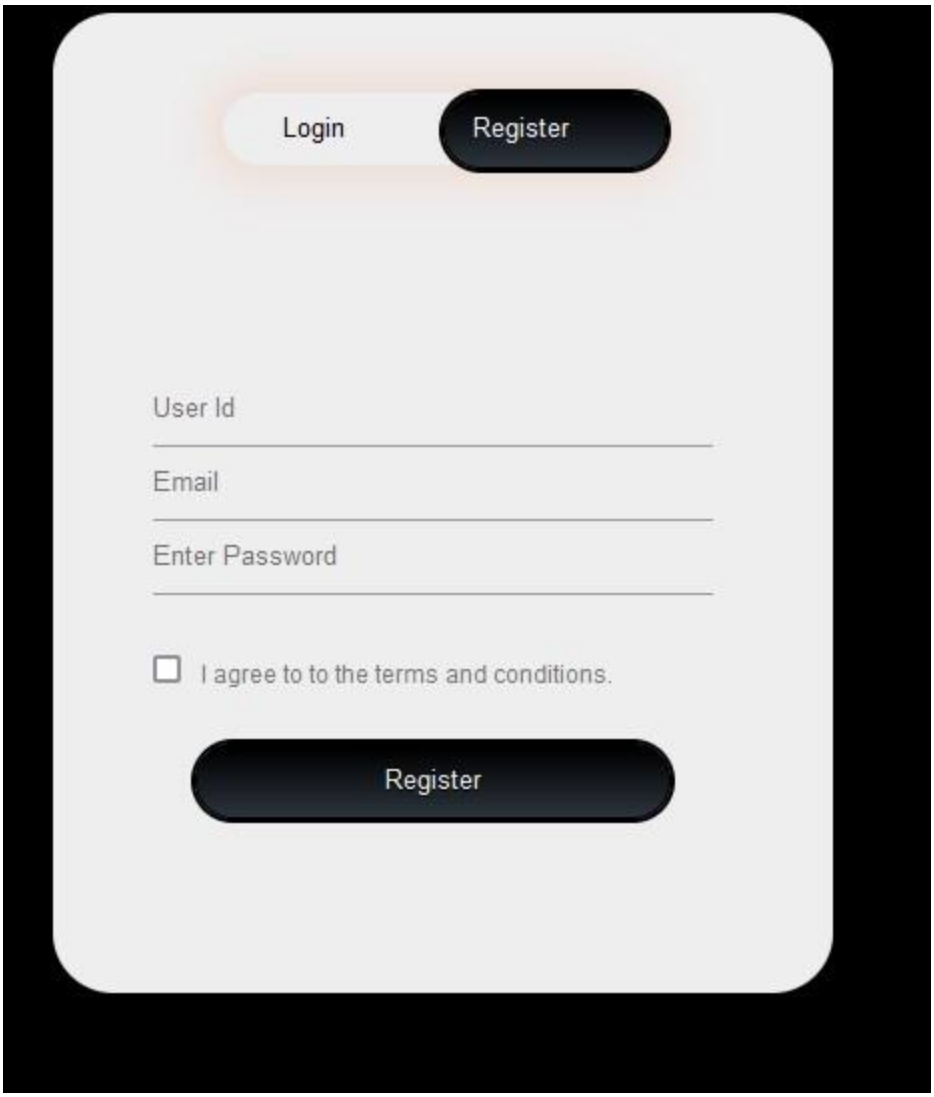
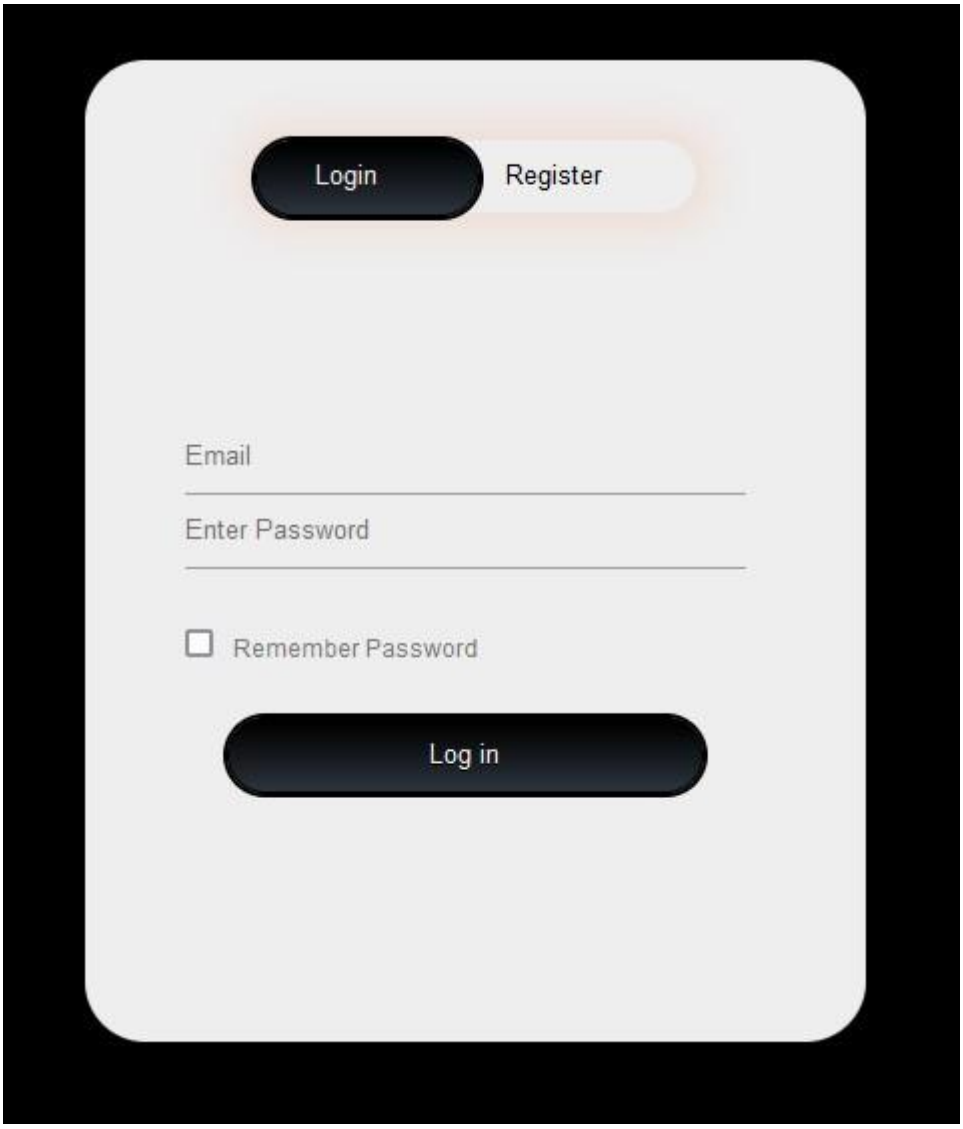
The main interface this

Registration of portal



Log in Portal


Login
Register
Email
Enter Password
Remember Password
Log in

```php
session_start();
$con = mysqli_connect('localhost','root','1234','LMS');
if($con)
{
    $email = $_POST['email'];
    $password = $_POST['password'];


    $sql = 'SELECT * FROM admins where email="'.$email .'" && password="'.$password.'"';
    $result = mysqli_query($con,$sql);
    $result=mysqli_fetch_array($result);


    if(is_array($result))
    {
        $_SESSION['name'] = $result['username'];
        $_SESSION['email'] = $result['email'];
        $_SESSION['id'] = $result['id'];
        header('location:admin.php');
    }
    else
    {
        header('location:register_login.php');
    }
}
else{
```

This is our login php we can read data from database check the it user typed data is matched with database data

```php
<?php
    session_start();
    $con = mysqli_connect('localhost','root','','Library Management System');
    if($con)
    {
        $sql="SELECT *FROM book_request";
        $check=mysqli_query($con,$sql);
        if(empty($check))
        {
            echo "<h3>No Recoed Found</h3><br>";
        }
        else
        {
            $sql_book_id = "SELECT book_id FROM book_request where req_id=".$_POST['id'];
            $data = mysqli_fetch_assoc(mysqli_query($con, $sql_book_id));

            $sql_user = "UPDATE books set quantity=quantity-1 ,borrowed=borrowed+1 where
            id=".$data['book_id'];
            mysqli_query($con, $sql_user);

            $current=Date('Y/m/d');
            $due = Date('Y/m/d', strtotime("+10 days"));
            $sql_user = "UPDATE book_request set status='approved',due_date='$due',
            issued_date='$current' where req_id=".$_POST['id'];
            mysqli_query($con, $sql_user);
```

This php code for request of book for borrow if the book is avaiable in the

```php
<?php
    session_start();
    $con = mysqli_connect('localhost','root','1234','LMS');
    if($con)
    {
        $sql="SELECT *FROM books";
        $check=mysqli_query($con,$sql);
        if(empty($check))
        {
            echo "<h3>No Recoed Found</h3><br>";
        }
        else
        {

            echo "
                <div class='all'>
                    <div class='search'>
                        <input type='text' name='name' id='book_name'
                        placeholder='Book Name'>
                        <input type= 'text' name='cat' id='cat'
                        placeholder='Category'>
                        <button id='searching'> Search </button>
                    </div>
                    <div id='info_table'>
                        <table class='info'>
                            <tr>
```

This can show the data from database it shows all list of books

```php
<?php
$con = mysqli_connect('localhost', 'root', '1234', 'LMS');
if ($con) {
    echo "<h2>Book Requests</h2><hr>";
    $sqlQuery = "SELECT * FROM new_book_request";
    $result = mysqli_query($con, $sqlQuery);
    if (!empty($result)) {
        echo '<table>
            <tr>
                <th>ID</th>
                <th>User Email</th>
                <th>Book Title</th>
                <th>Date</th>
                <th>URL</th>
                <th>Student Name</th>
                <th>Note</th>
            </tr>';
        while ($info = mysqli_fetch_assoc($result)) {
            echo '<tr>
                <td>' . $info['id'] . '</td>
                <td>' . $info['user_email'] . '</td>
                <td>' . $info['book_name'] . '</td>
                <td>' . $info['date'] . '</td>
                <td><a href='.$info['url'].'>link</a></td>
                <td>' . $info['student_name'] . '</td>
                <td>' . $info['note'] . '</td>
```

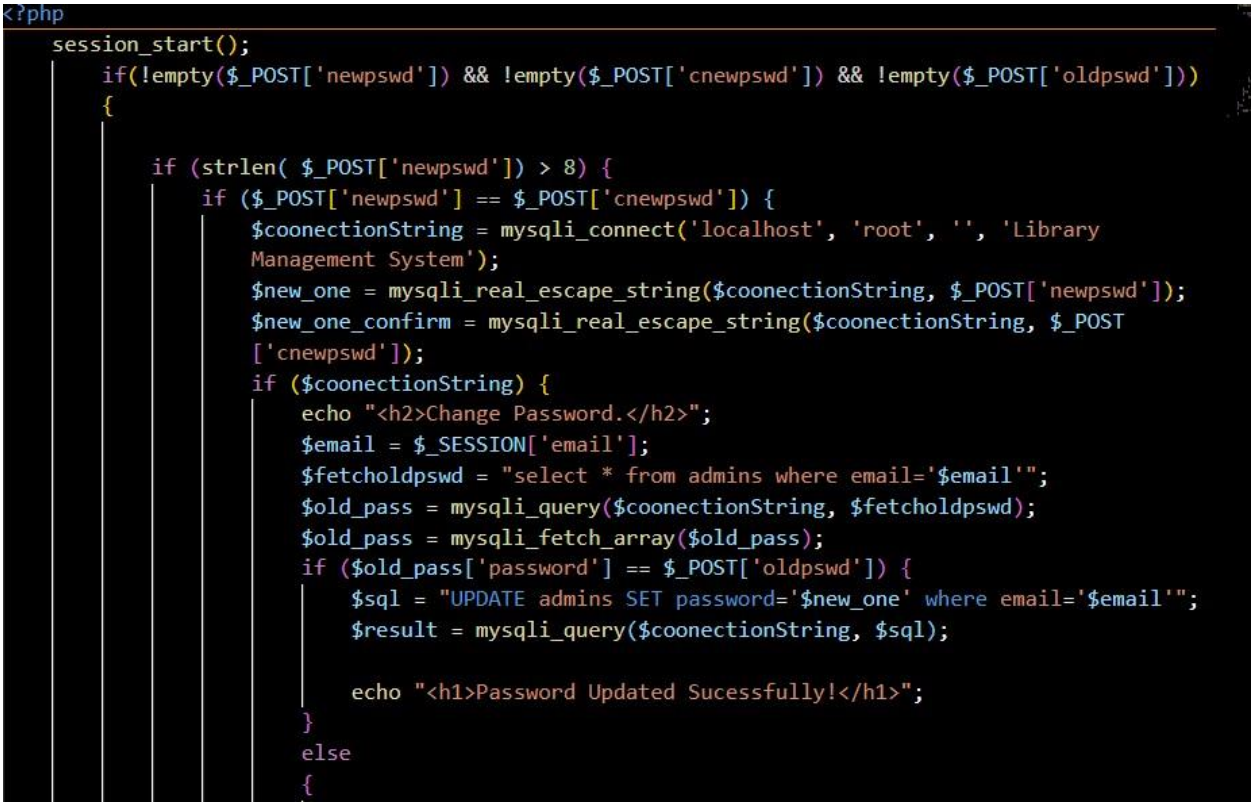
This is request book to admin for permission to get the book

```php
<?php
    session_start();
    function fetchDate($txt,$delm)
    {
        $date = explode($delm,$txt);
        $data = (int)$date[2];

        return $data;
    }
    function phpAlert($msg) {
        echo '<script type="text/javascript">alert("' . $msg . '")</script>';
    }
    $con = mysqli_connect('localhost','root','1234','LMS');

    if($con)
    {
        if($_POST['check']=='yes')
        {
            $sql="DELETE FROM book_request WHERE book_id="."'".$_POST['book']."' and user_id='".
            $_POST['user']."'";
            $check=mysqli_query($con,$sql);
            if($check)
            {
                phpAlert("Request Cancelled");
            }
        }
```

In this code return the book status book is allocated or not



```php
<?php
    session_start();
        if(!empty($_POST['newpswd']) && !empty($_POST['cnewpswd']) && !empty($_POST['oldpswd']))
        {

            if (strlen( $_POST['newpswd']) > 8) {
                if ($_POST['newpswd'] == $_POST['cnewpswd']) {
                    $coonectionString = mysqli_connect('localhost', 'root', '', 'Library
                    Management System');
                    $new_one = mysqli_real_escape_string($coonectionString, $_POST['newpswd']);
                    $new_one_confirm = mysqli_real_escape_string($coonectionString, $_POST
                    ['cnewpswd']);
                    if ($coonectionString) {
                        echo "<h2>Change Password.</h2>";
                        $email = $_SESSION['email'];
                        $fetcholdpswd = "select * from admins where email='$email'";
                        $old_pass = mysqli_query($coonectionString, $fetcholdpswd);
                        $old_pass = mysqli_fetch_array($old_pass);
                        if ($old_pass['password'] == $_POST['oldpswd']) {
                            $sql = "UPDATE admins SET password='$new_one' where email='$email'";
                            $result = mysqli_query($coonectionString, $sql);

                            echo "<h1>Password Updated Sucessfully!</h1>";
                        }
                        else
                        {
```

This is request to change password first its match with your old password then its take new password from user

```php
<?php

if(isset($_POST['rmRec']))
{
    $id = $_POST['id'];
    $con = mysqli_connect('localhost', 'root', '1234', 'LMS');
    if ($con)
    {
        $sqlQuery = "DELETE FROM books where id=$id";
        mysqli_query($con, $sqlQuery);
        header("location:bookmanager.php");
    }
    else
    {
        echo "<h1>Network Problem!</h1>";
    }
}
else
{
    echo "<h1>Page Not Found!</h1>";
}
?>
```

If admin wants delete record from library system then delete option is available

```php
<?php

if(isset($_POST['rmRec']))
{
    $id = $_POST['id'];
    $con = mysqli_connect('localhost', 'root', '1234', 'LMS');
    if ($con)
    {
        $sqlQuery = "DELETE FROM student_registration where id=$id";
        mysqli_query($con, $sqlQuery);
        header("location:admin.php");
    }
    else
    {
        echo "<h1>Network Problem!</h1>";
    }
}
else
{
    echo "<h1>Page Not Found!</h1>";
}
```

If the library admin wants to delete the record of the student from the system this code deletes the record

```php
<?php
    session_start();
    $con = mysqli_connect('localhost','root','1234','LMS');

    if($con)
    {
        $email= $_SESSION['email'];
        $book_name=$_POST['book_name'];
        $book_url=$_POST['url'];
        $book_note=$_POST['note'];

        $sql3="SELECT username from student_registration where email='$email'";
        $check=mysqli_query($con,$sql3);
        $n=mysqli_fetch_assoc($check);
        $user_name=$n['username'];

        if(!empty($book_name) && !empty($book_url) && !empty($book_note))
        {
            $sql2="INSERT into new_book_request (user_email,student_name,book_name,url,note)
            values ('$email','$user_name','$book_name','$book_url','$book_note')";
            $check=mysqli_query($con,$sql2);
        }

        $sql2="SELECT *from new_book_request where user_email='".$_SESSION['email']."'";
        $check=mysqli_query($con,$sql2);
        echo "<h2>Insert Books.</h2>";
```

Insertion of new book

```php
<?php

session_start();
if(!empty($_POST['email']) && !empty($_POST['name']))
{
    if(($_POST['email'] == $_SESSION['email']) || ($_POST['name'] == $_SESSION['name']))
    {
        $con = mysqli_connect('localhost', 'root', '', 'Library Management System');
        if ($con)
        {
            $sqlQuery = "UPDATE admins set email='".$_POST['email']."',"."username='".$_POST
            ['name']."' where id=".$_SESSION['id'];
            mysqli_query($con,$sqlQuery);

            // updating session
            $_SESSION['name'] = $_POST['name'];
            $_SESSION['email'] = $_POST['email'];

            echo "<h1>Information Updated Sucessfully</h1>";
        }
        else
        {
            echo "<h1>No Database Exists!</h1>";
        }
    }
}
```

Profile updating for example to change the name or email etc

Features:

- We can add the Machine learning to this project
- With help of ML we can handle the review books can rank
- NLP is a field in machine learning with the ability of a computer to understand, analyze, manipulate
- We can add Mobile Library Landscape
- Automated Circulation & Control